

O I P E  
JUL 23 2004

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/767,877	01/29/2004	Mark C. Boner	042716.005

CONFIRMATION NO. 4110

25461  
 SMITH, GAMBRELL & RUSSELL, LLP  
 SUITE 3100, PROMENADE II  
 1230 PEACHTREE STREET, N.E.  
 ATLANTA, GA 30309-3592

## FORMALITIES LETTER



\*OC000000012956526\*

Date Mailed: 06/16/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$528** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$978** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.

- Total additional claim fee(s) for this application is **\$528**

07/26/2004 FFANAI2 00000067 10767877

01 FC:2001	385.00	OP
02 FC:2051	65.00	OP
03 FC:2201	258.00	OP
04 FC:2202	270.00	OP

- **\$258** for **6** independent claims over 3.
- **\$270** for **30** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

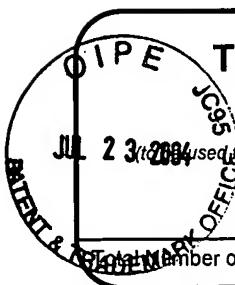
---

*A copy of this notice **MUST** be returned with the reply.*

*TCL*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE


**TRANSMITTAL  
FORM**

JUL 23 2004 (to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

14

Application Number	10/767,877
Filing Date	01/29/2004
First Named Inventor	BONER, Mark C. et al.
Art Unit	1724
Examiner Name	To Be Assigned

Attorney Docket Number

042716.005

**ENCLOSURES (check all that apply)**

- Fee Transmittal Form
- Fee Attached
- Amendment / Reply
- After Final
- Affidavits/declaration(s)
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
- Certified Copy of Priority Document(s)
- Response to Missing Parts/ Incomplete Application
- Response to Missing Parts under 37 CFR 1.52 or 1.53

- Drawing(s)
- Licensing-related Papers
- Petition
- Petition to Convert to a Provisional Application
- Power of Attorney, Revocation Change of Correspondence Address
- Terminal Disclaimer
- Request for Refund
- CD, Number of CD(s) \_\_\_\_\_

- After Allowance Communication to Technology Center (TC)
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Other Enclosure(s)  
(please identify below):

Return Receipt Postcard

**Remarks**
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Eric J. Hanson, Reg. No. 44,738
Signature	
Date	July 21, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Lucy Kimsey
Signature	
Date	July 21, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# JUL 23 2004 U.S. PATENT & TRADEMARK OFFICE FEE TRANSMITTAL for FY 2004

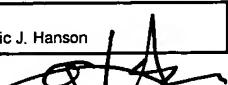
Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ ) 978

<i>Complete if Known</i>	
Application Number	10/767,877
Filing Date	01/29/2004
First Named Inventor	BONER, Mark C., et al.
Examiner Name	To Be Assigned
Art Unit	1724
Attorney Docket No.	042716.005

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)			
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/> Deposit Account:				<b>3. ADDITIONAL FEES</b>			
Deposit Account Number <input type="text"/> Deposit Account Name <input type="text"/>				<b>Large Entity</b> <b>Small Entity</b>			
<small>The Director is authorized to: (check all that apply)</small>				<b>Fee Description</b>			<b>Fee Paid</b>
<input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				Fee Code (\$)	Fee Code (\$)	Fee Description	
				1051 130	2051 65	Surcharge - late filing fee or oath	65
				1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet.	
				1053 130	1053 130	Non-English specification	
				1812 2,520	1812 2,520	For filing a request for reexamination	
				1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
				1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
				1251 110	2251 55	Extension for reply within first month	
				1252 420	2252 210	Extension for reply within second month	
				1253 950	2253 475	Extension for reply within third month	
				1254 1,480	2254 740	Extension for reply within fourth month	
				1255 2,010	2255 1,005	Extension for reply within fifth month	
				1401 330	2401 165	Notice of Appeal	
				1402 330	2402 165	Filing a brief in support of an appeal	
				1403 290	2403 145	Request for oral hearing	
				1451 1,510	1451 1,510	Petition to institute a public use proceeding	
				1452 110	2452 55	Petition to revive – unavoidable	
				1453 1,330	2453 665	Petition to revive – unintentional	
				1501 1,330	2501 665	Utility issue fee (or reissue)	
				1502 480	2502 240	Design issue fee	
				1503 640	2503 320	Plant issue fee	
				1460 130	1460 130	Petitions to the Commissioner	
				1807 50	1807 50	Processing fee under 37 CFR 1.17 (q)	
				1806 180	1806 180	Submission of Information Disclosure Stmt	
				8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
				1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	
				1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	
				1801 770	2801 385	Request for Continued Examination (RCE)	
				1802 900	1802 900	Request for expedited examination of a design application	
				Other fee (specify) _____			
				*Reduced by Basic Filing Fee Paid			<b>SUBTOTAL (3) (\$ 65)</b>

SUBMITTED BY		<i>Complete (if applicable)</i>			
Name (Print/Type)	Eric J. Hanson	Registration No. (Attorney/Agent)	44,738	Telephone	(404) 815-3706
Signature			Date	July 21, 2004	

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/767,877 Confirmation No. 4110  
Applicant(s) : BONER, Mark C. et al.  
Filed : 01/29/2004  
TC/A.U. : 1724  
Examiner : To Be Assigned  
Title : Apparatus and Method for Filtering Fluids  
  
Docket No. : 042716.005  
Customer No. : 25461

Mail Stop MISSING PARTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

FORMAL DRAWING TRANSMITTAL LETTER

Applicants submit 7 sheets of formal drawings for the above-identified patent application, including Figs. 1 through 14B on A4 paper. Approval of these formal drawings is respectfully requested.

Respectfully submitted,

SMITH, GAMBRELL & RUSSELL, LLP

By: Eric J. Hanson, Reg. No. 44,738

Dated: July 21, 2004  
Suite 3100, Promenade II  
1230 Peachtree Street, N.E.  
Atlanta, Georgia 30309-3592  
Phone: (404) 815-3706  
Fax: (404) 685-7006